

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

BEDROCK SAND & GRAVEL, L.L.C.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

sand & gravel in the state of Missouri. The extent of the

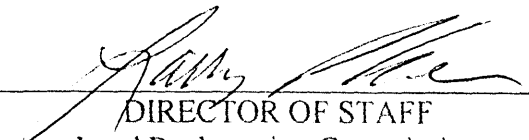
Proposed mining operation(s) will be on ten acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Pulaski	01	36N	11W	10	0	10	Gasconade River Floodplain	0976

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 13th day of October 2004



DIRECTOR OF STAFF
Land Reclamation Commission

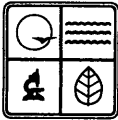
Permit No. 0852T

Effective Date 10/13/2004

Expiration Date 07/23/2005

MO 780-1122 (6-95)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

SEP 23 2004

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL BEDROCK SAND & GRAVEL, L.L.C.		MISSOURI LAND RECLAMATION COMMISSION SITE 9-21-04	
ADDRESS P.O. Box 303	CITY WAYNESVILLE	STATE MO.	ZIP CODE 65583
CONTACT PERSON MARGARETT A. HARRIS		TELEPHONE NUMBER 573-759-6395	

FEES: COMPLETE SECTION I OR SECTION II**SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:****1. To compute the site fee complete the information below:**

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. # 1	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

2. Acreage Fee \$5 X 10 number of acres bonded \$ **50.00**

3. Annual Permit Fee \$ **500**

4. Total Fee (Add totals from 1, 2 and 3) \$ **850.00**

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ **2,500**

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ **300**

SIGNATURE OF APPLICANT Margaret A. Harris		TITLE Sole Member	DATE 9-22-04
Appeared before me this <u>22nd</u> day of <u>September</u> , 20 <u>04</u> , <u>Margaret A. Harris</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) Pulaski	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 22nd DAY OF September YEAR 2004		
	NOTARY PUBLIC SIGNATURE Ada Faisca	MY COMMISSION EXPIRES Nov 16, 2007	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Ada Faisca		
FOR DEPARTMENT USE ONLY: APPROVED BY [Signature]		DATE APPROVED 10-4-04	PERMIT NUMBER 0852T
		EXPIRATION DATE 7-23-05	

USE RUBBER STAMP IN CLEAR AREA BELOW.
Ada Faisca
Notary Public - Notary Seal
State of Missouri
Pulaski County
My Commission Expires: Nov. 16, 2007.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT TRANSFER

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MAY 12 2003

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

PERMIT TRANSFER (FOR TRANSFERRING PERMITTED ACRES FROM ONE OPERATOR TO ANOTHER)

NAME OF CURRENT PERMIT HOLDER

Green's Sand, Gravel and Topsoil

PERMIT NUMBER

0852

SITE(S)

Site #1

ADDRESS

P.O. Box 310

CITY

Waynesville

STATE

MO

ZIP CODE

65583

CONTACT PERSON

Alva Green

TELEPHONE NUMBER

573-759-2320

TO BE COMPLETED BY THE CURRENT PERMIT HOLDER

List all reclamation bonds which are held on this permit:

BONDING COMPANY	BOND NUMBER	BOND DATE	AMOUNT
Security Bank	LOC 158	6-29-2000	\$ 7,000. ⁰⁰ / _{xx}

TO BE COMPLETED BY PROPOSED SUCCESSOR

NAME OF PROPOSED SUCCESSOR

Bedrock Sand and Gravel LLC

ADDRESS

P.O. Box 303

CITY

Waynesville

STATE

MO

ZIP CODE

65583

CONTACT PERSON

Margaret Harris

TELEPHONE NUMBER

573-336-8400

List any other Land Reclamation Commission Permits currently or previously held by successor or companies owned or partially controlled by successor.

NAME OF COMPANY	PERMIT NUMBER	MINERAL
—	—	—

NOTE: The successor company must provide proof of bond replacement and an affidavit of public notification requirements.

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MISSOURI LAND
RECLAMATION COMMISSION

TRANSFER OF RECLAMATION RESPONSIBILITY

In consideration of receiving the right to mine for sand and gravel, on the land covered by MissouriSurface Mining Permit Number 0852, which consists of 10 acres located inSection(s) 1, Township(s) 36 N, Range(s) 11 W,Pulaski County, Missouri, Bedrock Sand and Gravel, LLC

(PROPOSED SUCCESSOR)

a Missouri corporation, Missouri partnership, or individual, assumes all responsibility for reclaiming the land previously mined under the

aforesaid permit by Green's Sand, Gravel and Topsoil

(FORMER OPERATOR)

All reclamation of the above identified land shall be performed in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMo 2001.

Notwithstanding, the current permit holder agrees to continue to abide by the Missouri Land Reclamation Act and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to the above operation until such time as the transfer application is approved by the Missouri Land Reclamation Program.

The undersigned certify the information give above to be correct, complete and true, and agree to the above assumption of reclamation responsibility.

PROPOSED SUCCESSOR COMPANY		DATE
Bedrock Sand and Gravel, LLC		5-6-03
SIGNATURE	NAME	TITLE
<i>Margaret A. Harris</i>	MARGARET A. HARRIS	OWNER
CURRENT OPERATOR COMPANY		DATE
Green's Sand, Gravel + Topsoil		4-18-03 5-6-03
SIGNATURE	NAME	TITLE
<i>Alva Green</i>	ALVA GREEN	OWNER
Appeared before me this <u>6</u> day of <u>May</u> , 20 <u>03</u> , <u>MARGARET HARRIS</u> to me <u>AND ALVA GREEN</u> personally known, who executed the above as their free acts and deeds.		
NOTARY PUBLIC EMBOSSER SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)
	MISSOURI	Pulaski
	SUBSCRIBED AND SWORN BEFORE ME, THIS	
	6 DAY OF May YEAR 2003	
NOTARY PUBLIC SIGNATURE	MY COMMISSION EXPIRES	USE RUBBER STAMP IN CLEAR AREA BELOW ELSIE R. PURDUE Notary Public - Notary Seal STATE OF MISSOURI Pulaski County My Commission Expires: 7-17-05
<i>Elsie R. Purdue</i>	7-17-05	
NOTARY PUBLIC NAME (TYPED OR PRINTED)		
ELIE R. Purdue		
FOR DEPARTMENT USE ONLY: APPROVED BY		DATE APPROVED
<i>[Signature]</i>		11-17-03
TITLE		
LTS III		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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APR 8 2003

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME

MISSOURI LAND
RECLAMATION COMMISSION

☐ LONG TERM, FOR PERIOD THROUGH DATE:

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

THIS PLAN COVERS AN AREA OF 10 ACRES IN THE GASCONADE FLOOD PLAIN
TOP SOIL DEPTH IS Aprox. 3 FT. AREA IS BORDERED TO THE NORTH
BY CAMP ROAD. AREA IS WOODED ALONG THE RIVER BANK.
AREA HAS BEEN PREVIOUSLY MINED FOR TOP SOIL.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

36 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☒ YES OR ☐ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

TOPSOIL WILL BE REMOVED WITH A GRADER & LOADER
TOPSOIL WILL BE STRIPED 10 FT. AHEAD OF GRAVEL
REMOVAL.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

TOPSOIL WILL BE STOCKPILED & STORED IN A
STABLE LOCATION & SEEDS WITH VEGETATION TO
PREVENT EROSION.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

N/A

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MISSOURI LAND
RECLAMATION COMMISSION

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

N/A

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SEE ATTACHED MAPS.

YES

NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right-of-way, and in no case may the excavation be closer to the right-of-way than fifty feet or twenty-five feet plus one and one-half (1 ½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "YES", a safety barrier may be needed.)

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A. RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

APR 8 2003

REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

SEEDING OR PLANTING TIME
RECLAMATION COMMISSION

PASTURE

SPRING OR FALL

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

SEED WILL BE BROADCAST ON ALL SLOPES SURROUNDING THE IMPOUNDMENT.

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS / ACRE	TREE OR SHRUB SPECIES	STEMS / ACRE
FESCUE	30 LBS		

REVEGETATION MIX #2

PURPOSE OR LAND USE

SEEDING OR PLANTING TIME

N/A

N/A

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

N/A

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS / ACRE	TREE OR SHRUB SPECIES	STEMS / ACRE
N/A			

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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B. GRADING

APR 8 2003

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND
RECLAMATION COMMISSION

ALL AREAS SURROUNDING THE IMPOUNDMENT
WILL BE GRADED TO SLOPES 3 TO 1 BY FARM
MACHINERY. A TEN ACRE LAKE WILL BE CONSTRUCTED IN
THE FINAL PIT AREA TO COMPLY WITH NRCS POND-378.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

GRADING WILL BE DONE AS THE PIT ADVANCES AND AS SPOIL
IS PLACED IN THE MINED-OUT PORTIONS. FINAL GRADING WILL
BE COMPLETED WITHIN ONE YEAR OF PERMIT EXPIRATION
ON ALL MINED OUT PORTIONS.

REPLACEMENT OF TOPSOIL

TOPSOIL WILL BE REPLACED TO A UNIFORM DEPTH OF 12 INCHES, AND
DISCED TO REDUCE COMPACTION. TOPSOIL WILL BE REPLACED
WITHIN ONE YEAR OF PERMIT EXPIRATION ON ALL MINE-OUT
PORTIONS.

REVEGETATION

ALL TOPSOIL AREAS WILL BE SEEDING DURING THE FIRST
OPTIMUM SEEDING PERIOD FOLLOWING TOPSOIL REPLACEMENT.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

D. USE OF LAND WHEN RECLAIMED

ESTIMATED ACRES:

Estimate acreage of each land use below, after reclamation

Wildlife (forest or other habitat with livestock excluded)

Agriculture (pasture, cropland, and horticultural)

Development (residential, industrial and recreational)

Water impoundments (for wildlife, agriculture, or development)

10 ACRE

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By my signature, I attest to the following:

MISSOURI LAND
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intends to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMO 2001, and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed post-mining land uses.
4. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed seed mixtures.
5. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Margaret C. Harris</i>		TITLE <i>OWNER</i>		DATE <i>4-8-03</i>	
NOTARY PUBLIC EMBOSSER SEAL	STATE <i>Missouri</i>		COUNTY (OR CITY OF ST. LOUIS) <i>Cole</i>		
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>8th</i> DAY OF <i>April</i> 2003		USE RUBBER STAMP IN CLEAR AREA BELOW		
	NOTARY PUBLIC SIGNATURE <i>Shirley L. Grantham</i>	MY COMMISSION EXPIRES <i>2/7/2007</i>	SHIRLEY L. GRANTHAM NOTARY PUBLIC STATE OF MISSOURI COUNTY OF COLE MY COMMISSION EXPIRES: FEBRUARY 7, 2007		
	NOTARY PUBLIC NAME (TYPED OF PRINTED) <i>Shirley L. Grantham</i>				
FOR OFFICIAL USE ONLY: APPROVED BY <i>[Signature]</i>		DATE APPROVED <i>11-17-03</i>		PERMIT NUMBER <i>0852T</i>	

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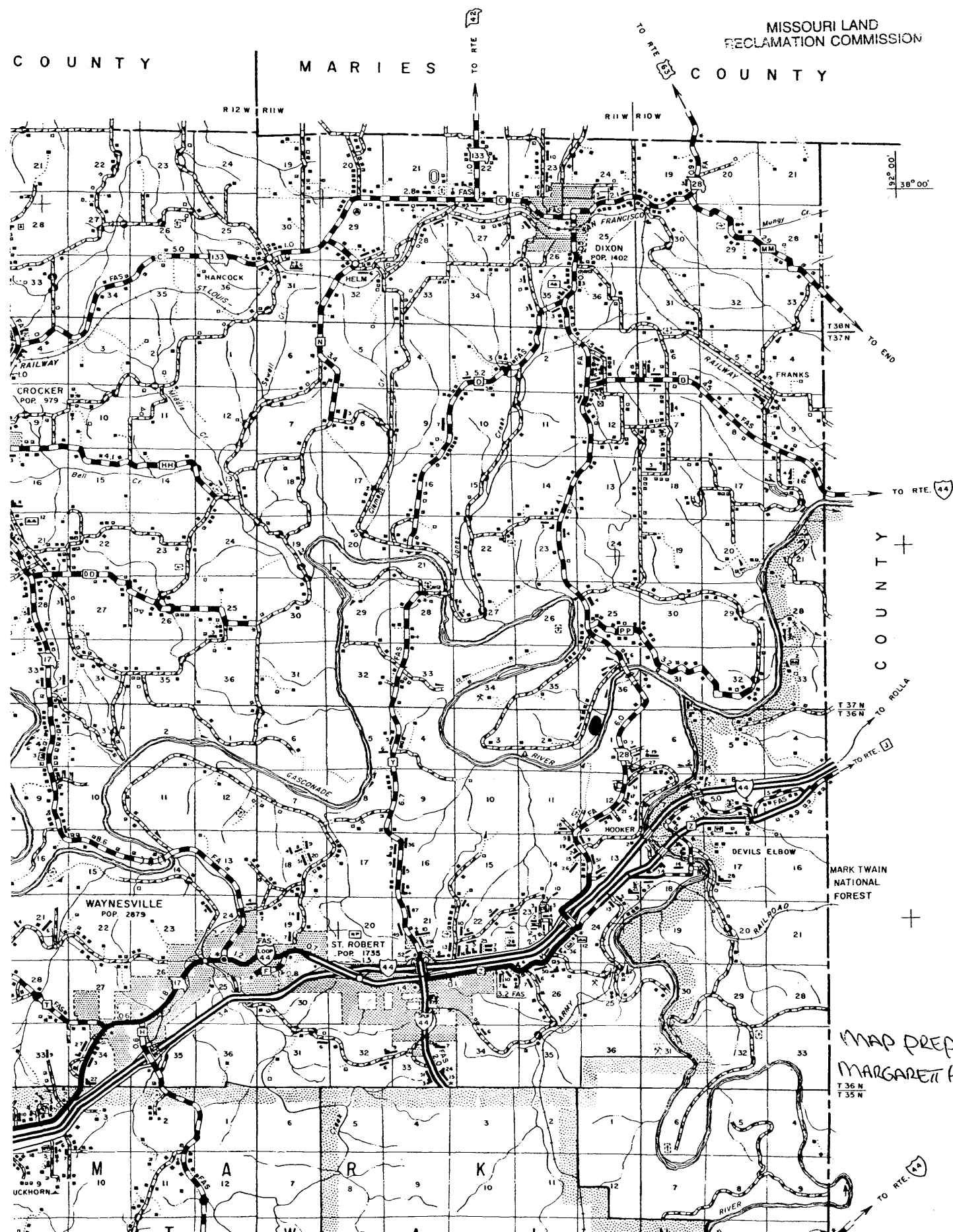
APR 8 2003

MISSOURI LAND
RECLAMATION COMMISSION

COUNTY

M A R I E S

COUNTY

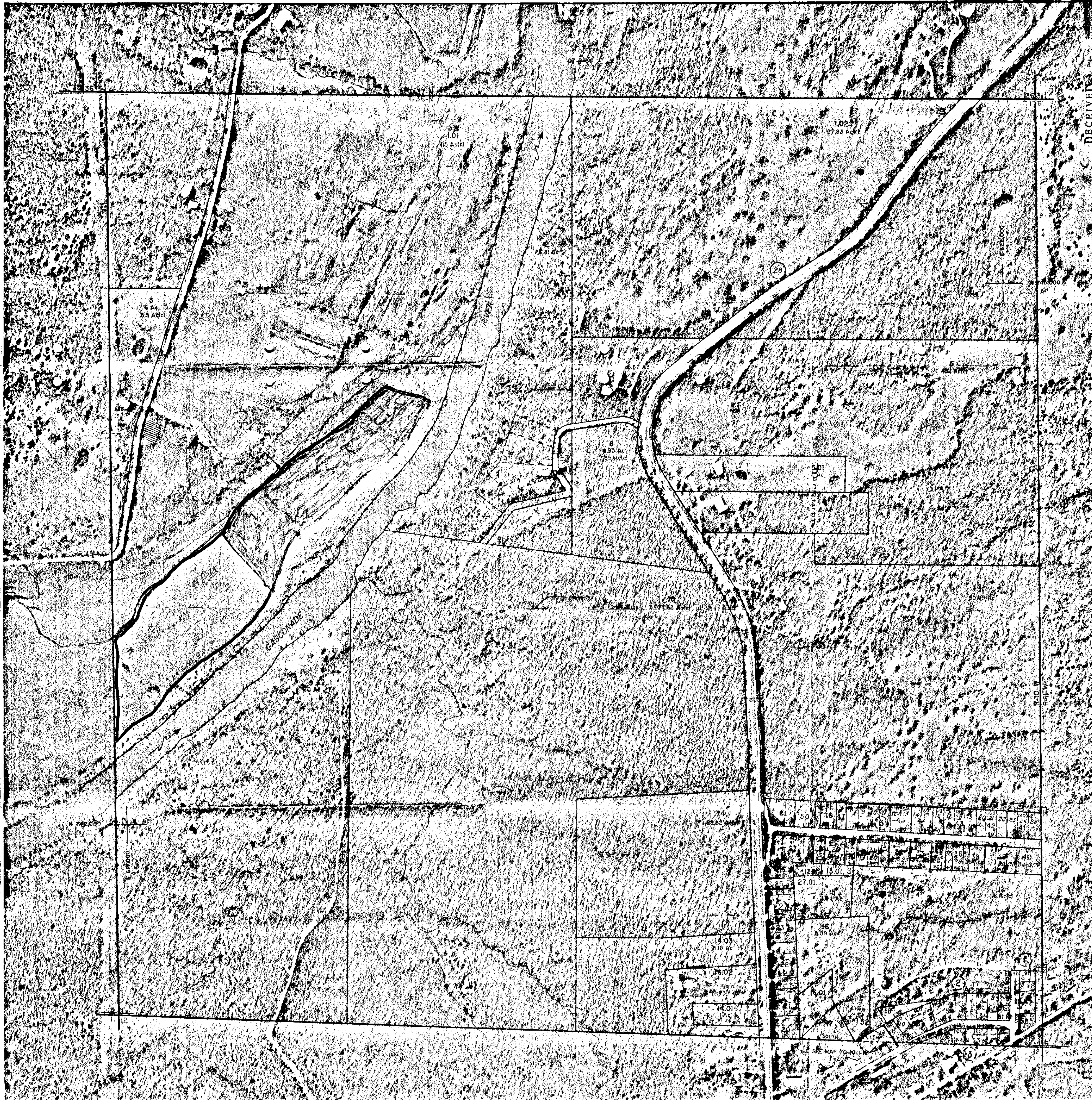


ORTHOPHOTO MAP
PULASKI COUNTY, MISSOURI

DATE OF PHOTOGRAPHY: 3/26, 3/28, 4/1/98

SCALE 1"=200'
SECTION 1 T 36 N - R 11 W

KUCERA INTERNATIONAL INC.
PHOTOGRAMMETRIC CONSULTANTS
WILLOUGHBY, OHIO



WATERSHED MAP
PULASKI COUNTY, MISSOURI
MISSOURI DEPARTMENT OF REVENUE
TAX COMMISSION OF MISSOURI
TAX ASSESSOR

Prepared By
Alva Green and Tim Thom
7-1-2000
TRANSFERRED TO BEO ROCK SAND & GRAVEL LLC.
Post-mining land use is an impediment
S-01 T-36N R-11W
0852T
MARGARET HARRIS

- pit area-year 2000 (10 acres)
- property line

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JUL 5 2000